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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/210,952 12/15/98 FAINZILDER

M 2314-147

HM22/0328

EXAMINER

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LEE, L

ART UNIT	PAPER NUMBER
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1645

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DATE MAILED:

03/28/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No. 09/210,952	Applicant(s) Fainzilber et al
	Examiner Li Lee	Group Art Unit 1645

Responsive to communication(s) filed on Dec 6, 1999

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle* 1035 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire one month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

Claim(s) 1-10 and 12-47 is/are pending in the application

Of the above, claim(s) _____ is/are withdrawn from consideration

Claim(s) _____ is/are allowed.

Claim(s) _____ is/are rejected.

Claim(s) _____ is/are objected to.

Claims 1-10 and 12-47 are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

-- SEE OFFICE ACTION ON THE FOLLOWING PAGES --

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DETAILED ACTION

Election/Restriction

1. Applicant's election without traverse of Group I, claims 1-36 in Paper No. 9 is acknowledged.

Applicant's amendment filed on Dec 06, 1999 (Paper Number 9) has been received and entered. Claim 11 has been canceled, claims 1, 3-7, 10, 12-19 have been amended, consequently claims 1-10 and 12-47 are pending in the instant application.

However, upon further consideration, restriction to one of the following inventions under 35 U.S.C. 121 is required:

- I. Claims 1-6, drawn to a conopeptide having the general formula I (SEQ ID NO:1), classified in class 530, subclass 300.
- II. Claims 7-10, 12-13, drawn to a conopeptide having the general formula II (SEQ ID NO:2), classified in class 530, subclass 300.
- III. Claims 14-15, drawn to a conopeptide having the general formula III (SEQ ID NO:3), classified in class 530, subclass 300.
- IV. Claims 16-17, drawn to a conopeptide having the general formula IV (SEQ ID NO:4), classified in class 530, subclass 300.
- V. Claims 18-19, drawn to a conopeptide having the general formula V (SEQ ID NO:5), classified in class 530, subclass 300.

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- VI. Claims 20-26, 27, drawn to a conopeptide, PnVIIA (SEQ ID NO:6), classified in class 530, subclass 300.
- VII. Claims 20-26, 28, drawn to a conopeptide, Tx6.4 (SEQ ID NO:7), classified in class 530, subclass 300.
- VIII. Claims 20-26, 29, drawn to a conopeptide, Tx6.9 (SEQ ID NO:8), classified in class 530, subclass 300.
- IX. Claims 20-26, 32, drawn to a conopeptide, J010 (SEQ ID NO:9), classified in class 530, subclass 300.
- X. Claims 20-26, 30, drawn to a conopeptide, Tx6.6 (SEQ ID NO:10), classified in class 530, subclass 300.
- XI. Claims 20-26, 31, drawn to a conopeptide, Tx6.5 (SEQ ID NO:11), classified in class 530, subclass 300.
- XII. Claims 20-26, 33, drawn to a conopeptide, Gm6.7 (SEQ ID NO:12), classified in class 530, subclass 300.
- XIII. Claims 20-26, 34, drawn to a conopeptide, Mr6.1 (SEQ ID NO:13), classified in class 530, subclass 300.
- XIV. Claims 20-26, 35, drawn to a conopeptide, Mr6.2 (SEQ ID NO:14), classified in class 530, subclass 300.
- XV. Claims 20-26, 36, drawn to a conopeptide, Mr6.3 (SEQ ID NO:15), classified in class 530, subclass 300.

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XVI. Claims 37, 38, drawn to isolated nucleic acid encoding a Tx 6.4 propetide,
classified in class 536, subclass 23.1.

XVII. Claims 37, 39, drawn to isolated nucleic acid encoding a Tx 6.9 propetide,
classified in class 536, subclass 23.1.

XVIII. Claims 37, 40, drawn to isolated nucleic acid encoding a J010 (not J0104)
propetide, classified in class 536, subclass 23.1.

XIX. Claims 37, 41, drawn to isolated nucleic acid encoding a Tx 6.6 propetide,
classified in class 536, subclass 23.1.

XX. Claims 37, 42, drawn to isolated nucleic acid encoding a Tx 6.5 propetide,
classified in class 536, subclass 23.1.

XXI. Claims 37, 43, drawn to isolated nucleic acid encoding a Gm6.7 propetide,
classified in class 536, subclass 23.1.

XXII. Claims 37, 44, drawn to isolated nucleic acid encoding a Mr6.1 propetide,
classified in class 536, subclass 23.1.

XXIII. Claims 37, 45, drawn to isolated nucleic acid encoding a Mr6.2 propetide,
classified in class 536, subclass 23.1.

XXIV. Claims 37, 46, drawn to isolated nucleic acid encoding a Mr6.3 propetide,
classified in class 536, subclass 23.1.

XXV. Claims 37, 47, drawn to isolated nucleic acid encoding a Tx 6.1 propetide,
classified in class 536, subclass 23.1.

2. The inventions are distinct, each from the other because of the following reasons:

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The Groups I - XXV are related as products. The claims of Groups I - XV are drawn to a conopeptides which have different peptide formulas and are structurally and physically different protein peptides. Those of Group XVI- XXV are drawn to isolated polynucleotides which encode structurally and physically different conopeptides. The inventions of Groups I - XXV can be shown to be distinct because they are made by different methods (e.g., in vitro chemical synthesis versus recombinant production) and because they are physically (e.g., amino acids versus nucleic acid) and functionally (e.g., mediate biological activity versus encode proteins) distinct chemical entities.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter as shown by the different classification, and absent restriction would place an undue search and examination burden on the examiner, therefore restriction for examination purposes as indicated is proper.

Any inquiry of a general nature or relating to the status of this general application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Papers relating to this application may be submitted to Technology Center 1600, Group 1645 by facsimile transmission. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). Should applicant wish to FAX a response, the current FAX number for Group 1600 is (703) 308-4242.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li Lee whose telephone number is (703) 308-8891. The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Caputa, can be reached at (703) 308-3995.

Li Lee
March 24, 2000

ALBERTO NAVARRO
PATENT EXAMINER